

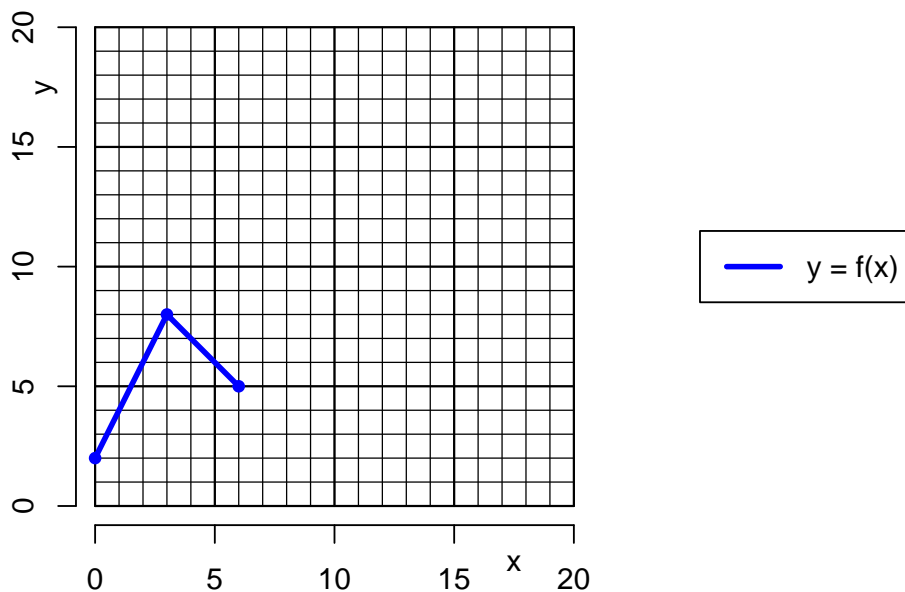
Name: _____

Date: _____

PCW_09_18 Find new points after transformation (version 8)

Question 1

Curve $y = f(x)$ contains points $(0, 2)$ and $(3, 8)$ and $(6, 5)$, as shown on the x - y plane below.

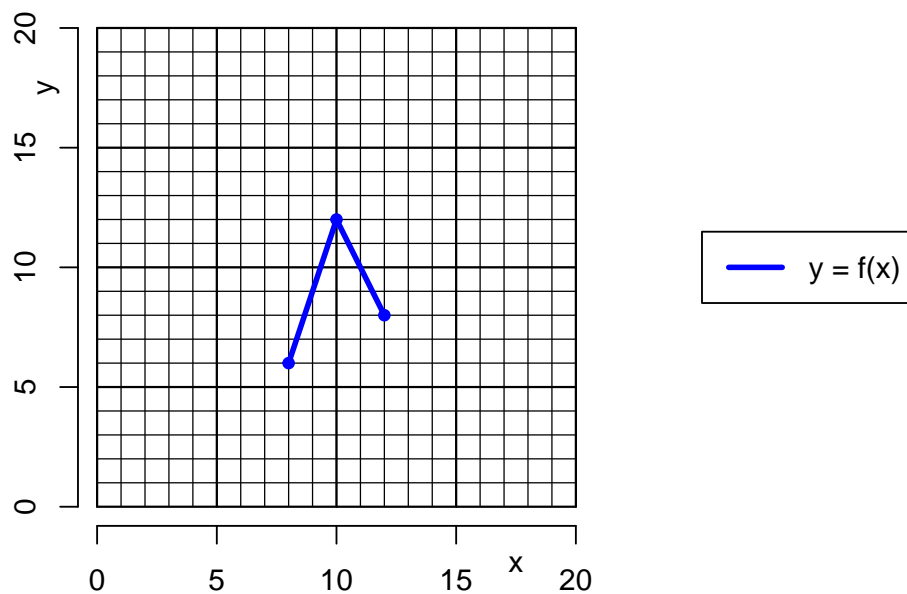


On the same plane, please draw the curve represented by the equation below:

$$y = 3f\left[\frac{x}{2} - 3\right] - 6$$

Question 2

Curve $y = f(x)$ contains points $(8, 6)$ and $(10, 12)$ and $(12, 8)$, as shown on the x - y plane below.



On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x}{3} + 6\right]}{2} - 2$$